

84-5-21/42

I Life Suggests Improvements (cont.)

Vnukovo Airport was criticized for its refusal to handle transit cargo; hence, other airports, e.g. that of Tallin, cannot accept baggage going via Vnukovo. Comrade Khokhlov, political instructor at the Novosibirsk LERM, and comrade Lyubarskiy, engineer at the Khar'kov LERM, pleaded the reduction of time spent on repairs. Comrade Zdorenko, chief engineer of the Krasnoyarsk Administration, and comrades Ross and Vinkner, foremen at the local Krasnoyarsk LERM, shortened the time of routine service from 200 hours to one or one and a half days. Controller com. Kiryanov suggested a new method (not specified) to lengthen the service of manifold tubes. Comrades Koshmanov and Ivanov invented a new device for starting aircraft engines with current from the airfield electric power network. Improvements in radio navigation (not specified) and introduction of the automatic landing system have increased efficiency at the Khar'kov airport. Comrade Chistota complains of careless handling of equipment in the Novosibirsk LERM. Comrade Kocharov, unit chief of the Krasnoyarsk Terr. Adm., reported that his unit lowered the carrying cost per 1 ton/km. by 8 kopeks. However, this reduction of cost was achieved mainly by buying gasoline in Moscow, where gasoline

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84-5-21/42

Life Suggests Improvements (cont.)

is cheaper, (due to a better supply system.) The North-Caucasian Administration lowered the expenditure for maintenance of the airport buildings, airfields, etc. by 1 per cent. The article complains that often money assigned for maintenance is spent unreasonably. A photo (made by P. Balabanov) shows a group of student workers of the Sverdlovsk airport, studying Marxian economics under the supervision of L. Nikanorov, a propagandist.

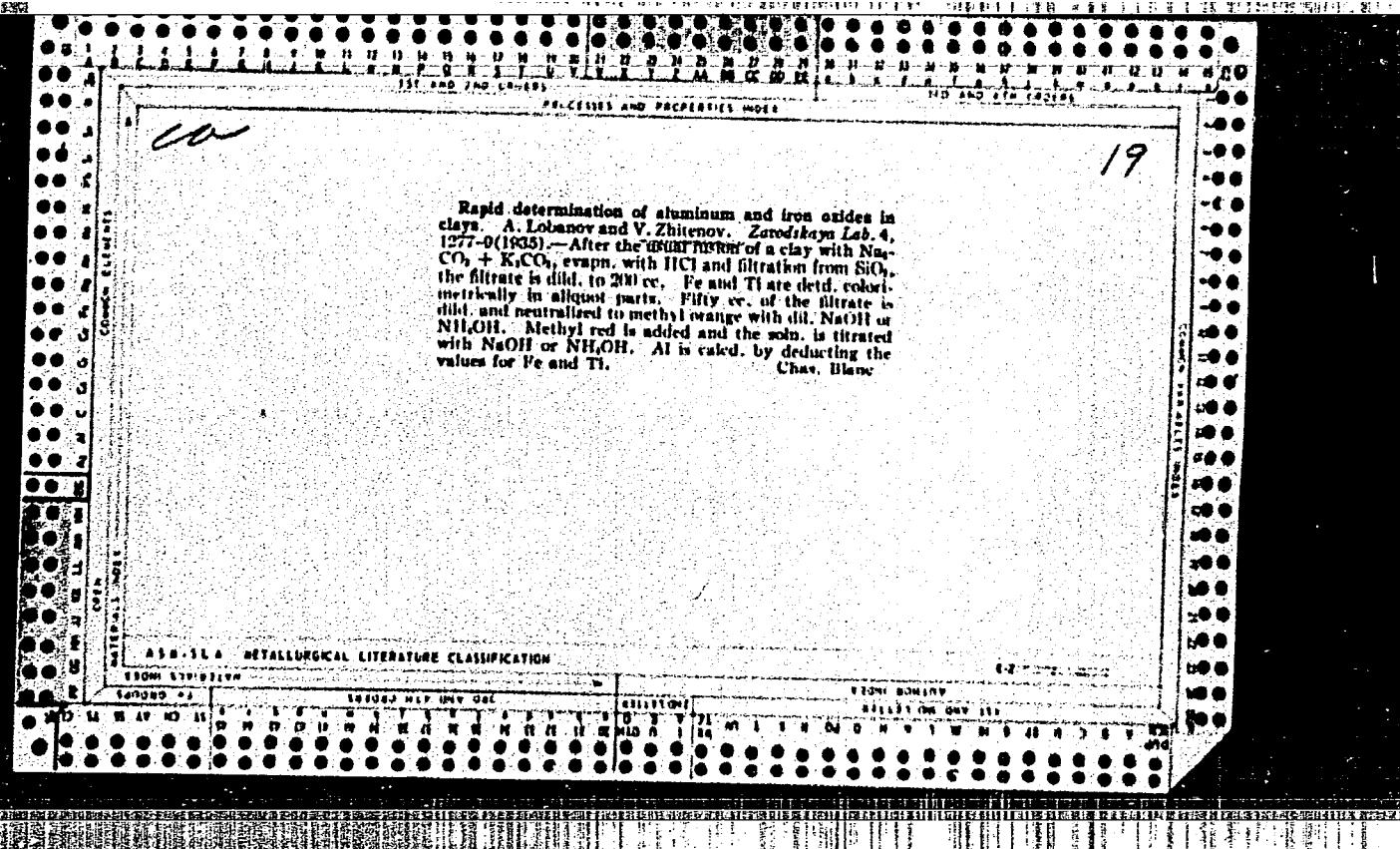
AVAILABLE: Library of Congress
Card: 4/4

SIMKIN, ENG. M. YE.
ZHITNEV, ENG. S. E.
CHERKINSKIY, ENG. B. N.

Furnaces - Construction

Using the Vasil'ev-type mechanical furnaces in boiler rooms without ash pits. Za ekon
top. 9 no. 7, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.



L 21227-66 EWT(m)/ETC(f)/EWG(m)/EWP(t) IJP(c) RDW/JT
ACC NR: AP6003823 SOURCE CODE: UR/0181/66/003/001/0295/0297

AUTHORS: Zhitinskaya, M. K.; Kaydanov, V. I.; Chernik, I. A.

ORG: Leningrad Polytechnic Institute im. M. I. Kalinin
(Leningradskiy politekhnicheskiy institut)

57

3

TITLE: On the nonparabolicity of the conduction band of lead telluride

SOURCE: Fizika tverdogo tela, v. 8, no. 1, 1966, 295-297

TOPIC TAGS: conduction band, lead compound, telluride, Nernst effect, Ettingshausen effect, carrier density, carrier scattering

ABSTRACT: The authors report the results of an investigation of the electric conductivity σ , the Hall constant R, the thermoelectric power α , and the coefficient Q of the isothermal transverse Nernst-Ettingshausen effect made on ten samples of n-type PbTe with concentrations 2.1×10^{18} -- $1.9 \times 10^{20} \text{ cm}^{-3}$ in the temperature interval 77 -- 300K. The samples were prepared by zone melting and subsequent

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ACC NR: AP6003823

heat treatment in such a way that the investigated properties were not dependent on the method of sample preparation. Plots of the values of Q and of the dimensionless Nernst-Ettingshausen effect did not agree with the results expected from a simple parabolic model. The experimental results were analyzed on the basis of the theory developed by J. Kolodziejczak and S. Zukatynski (Phys. Stat. Sol. v. 5, 145, 1964) for an ellipsoidal nonparabolic band as applied to cubic crystals. And show that the effective mass of the carriers increases in the semiconductor with increasing concentration in accordance with Kane's model, generalized to the case of ellipsoidal equal-energy surfaces. From the analysis of the data it is concluded that the experimental dependence of the measured quantities on the carrier density can be attributed to a mixed scattering of the carriers by acoustic lattice vibrations and impurity ions. Orig. art. has: 2 figures and 2 formulas.

SUB CODE: 20/ SUBM DATE: 09Jun65/ ORIG REF: 001/ OTH REF: 004

Card 2/2 dda

S/269/53/000/003/005/036
A/XII - 101

AUTHOR: Zhitkovichus, B.

TITLE: Variation of luminosity of Nova DQ Herculis in 1935 on the basis of photographs of the Vilnus Astronomical Observatory

PERIODICAL: Referativnyy zhurnal, Astronomiya, v. 3, 1936, p. 351-352. ("Izv. Astron. Obszv. Vil'noi," No. 1, 1936, p. 14-22, Lithuanian and English summaries)

TEXT: Forty four photographic estimates of the nova's magnitude were obtained from the plates taken at the Vilnius Observatory during the period of maximum brightness. The observations were made by the author and his colleagues. The results are given in the tables below. The first table gives the mean magnitude of the nova at different times, the second table gives the mean magnitude of the nova at different times, and the third table gives the mean magnitude of the nova at different times.

[Abstracter's note: Complete translation.]

M. S.

Card 1/1

ZHITKEVICH, E.N.

USSR / General and Specialized Zoology. Insects: Insect and
Mite Pests.

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 44848

Author : Zhitkevich, E. N.

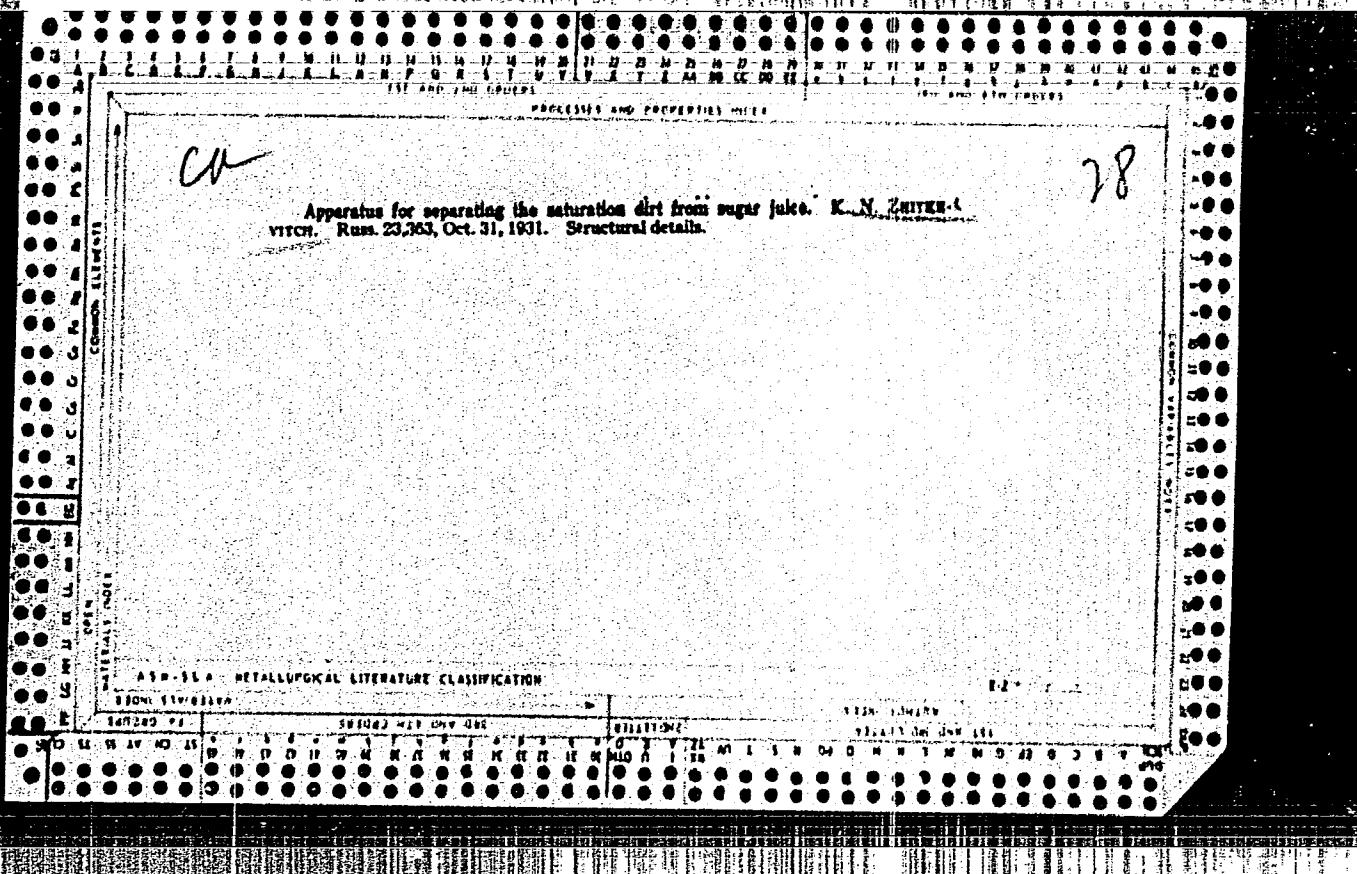
Inst : Not given

Title : The Significance of Chemical Control of the Beet Weevil during Summer.

Orig Pub : Zashchita rast. ot vredit. i bolzny, 1957, No. 3, 38-40.

Abstract : In 1954, weevils laid their eggs in the soil of plant racemes in the field on 6-12 June, 12-18 June, 18-24 June, 25 June, 1 July, and 1-6 July. Excavations carried out 13-15 October revealed living beetles in the following percentages, corresponding to the above given dates: 94.1, 98.1, 100, 75.6 and 68.6. In 1955, eggs were laid at later dates: 26/VI, 5/VII, 5-15/VII, 15-25/VII and 25/VII - 5/VIII. On 15-18/X,

Card 1/2



ZHITKEVICH, L.K., kandidat tekhnicheskikh nauk.

Investigation of the operation of a moving bed filter. Trudy Inst.
energ. AN BSSR no.1:150-160 '54. (MLRA 9:8)
(Dust collectors)

ZHITKEVICH, L.K.

Problems in fluid thermodynamics. Inzh.-fiz. zhur. no.1:114-123
Ja '59. (MIRA 12:1)

1. Institut energetiki AN BSSR, Minsk.
(Combustion) (Thermodynamics)

ZHITKEVICH, L.K.

Development of cyclone furnaces abroad. Trudy Inst. energ. AN BSSR
no.11:94-124 '60.
(Furnaces) (MIRA 14:9)

23756

S/170/61/004/006/012/015
B129/B212

11.7200

AUTHORS: Zhitkevich, L. K., Antonishin, N. V.

TITLE: Measurement of the turbulence intensity in a cyclone combustion chamber

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, v. 4, no. 6, 1961, 122-124

TEXT: At present the combustion process of a solid fuel in a cyclone combustion chamber has not been studied in detail. Usually it is assumed that the bulk of the small fuel particles will burn in the chamber and part of the (larger) particles will fall on the film of the fluid slag, where it vaporizes and burns. The intensity of the combustion of fuel particles on the film of the fluid slag, and according to newest data also in the chamber itself, is determined mainly by large relative velocities of air and fuel. The volatile constituents in the chamber do burn differently. The intensity of the combustion mainly depends on the increase of the turbulent exchange, which is favored by circulating eddies characteristic of a cyclone chamber. For most fuels burnt in cyclon

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23755

Measurement of the turbulence...

8/170/61/004/006/012/015
B129/B212

heaters the combustion of the volatile material will be a factor determining the combustion process of the furnace. Therefore, measuring the intensity of the turbulence is of interest. Tests were made in a horizontal cyclone chamber having an improved tangential supply (according to a logarithmic spiral) of air and fuel. The diameter of this model and also its length measured 740 mm. An electro-thermo anemometer of the type ETAM-3A (ETAM-3A) with a 19-20 mikron thick tungsten wire served as measuring instrument. The measurements were done in four cross sections of the horizontal cyclone plane in a distance of 20 mm. Cursory experiments showed that rotating the wire by 20° with respect to the horizontal axis practically did not influence the balance of the bridge and the indication of the instrument at the output of the anemometer. Investigations of the velocity fields, which were done with a five-channel spherical probe, showed that the main velocity vector did not deviate more than 20° from the vertical line. Therefore, the longitudinal pulsations of the main velocity vector, or, what corresponds to it, the pulsation of the tangential velocity component were measured. It was established that a variation of the velocity of the air supplied to the

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23756

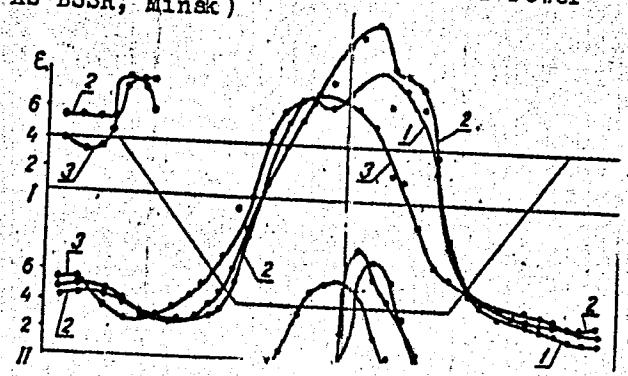
Measurement of the turbulence...

8/170/61/004/006/012/015
B129/B212

cyclone from 26.4 to 100 m/sec did not change essentially the intensity of the turbulence. The highest turbulence intensity (12-26%) was found for all cases in the center of the cyclone chamber. The initial intensity of turbulence was the same as in chamber furnaces. There are 1 figure and 3 Soviet-bloc references.

ASSOCIATION: Institut energetiki AN BSSR, g. Minsk (Institute of Power Engineering of the AS BSSR, Minsk)

SUBMITTED: November 17, 1960



Card 3/4

BOROVCHENKO, Ye.A.; ZHITKEVICH, L.K.; FINAYEV, Yu.A.

Burning of shredded peat in cyclone furnaces with liquid slag removal. Inzh.-fiz. zhur. 7 no.4:94-99 Ap '64. (MIRA 17:4)

1. Institut teplo-i massochmena AN BSSR, Minsk.

L 37656-66 EWT(1) WV

ACC NR: AP6024634

SOURCE CODE: UR/0170/66/011/001/0010/0014

AUTHOR: Zhitkevich, L. K.; Simchenko, L. Ye.

ORG: none

TITLE: Local and mean heat exchange between a sphere and an air stream

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 11, no. 1, 1966, 10-14

TOPIC TAGS: gas flow, fluid mechanics, fluid flow, heat transfer, aerodynamics

ABSTRACT: A study was carried out to determine the local and mean heat-exchange coefficients between a sphere and an airflow at normal and reduced pressures, and at Reynolds numbers from 50 to 97·10³. Empirical relations are obtained for the calculation of mean heat-transfer coefficients, heat transfer at the forward stagnation point of the sphere, and local heat transfer at the frontal hemisphere for the angle of turn $\leq 80^\circ$. The results are compared with the data of other workers. The heat-exchange measurement method selected involved the use of a small plug gauge equipped with an independent heater and thermocouple, which is insulated from the remaining surface of a copper sphere 50 mm in diameter (see Fig. 1). The study was made

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UDC: 541.182;536.25

65
B

L 37656-66

ACC NR: AP6024634

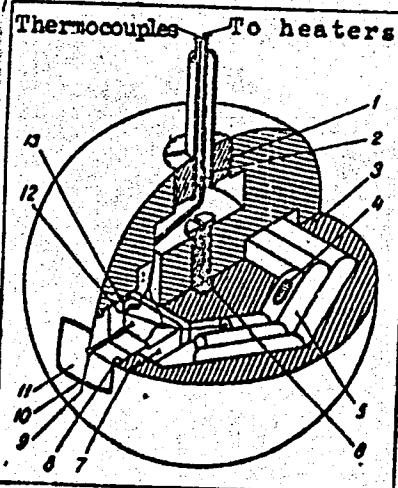


Fig. 1. Cross section of experimental sphere

1 - Copper sleeve; 2 - glass tube;
3 - copper hemisphere; 4 - sphere
heater; 5 - porcelain tubes; 6 -
coupling screw; 7 - place for
sphere's thermocouples; 8 - place
for plug heater; 9 - plug thermo-
couple; 10 - glass cloth; 11 -
copper plug; 12 - connecting ter-
minal; 13 - teflon insert.

using three experimental setups: 1) a wind tunnel with an effective diameter of 1.25 m and an Re range of from 1.3 to $9.7 \cdot 10^4$; 2) a high-pressure blower in housings 20×20 cm and 25×25 cm, and an Re range from $1.4 \cdot 10^3$ to $5.1 \cdot 10^4$; 3) a vacuum pump in a 20×20 -mm-cross-section duct and for Re 50 to 550. In calculating the Re and Nu criteria, all data pertain to the diameter of the sphere, the entire

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L-37656-66

ACC NR: AP6024634

cross section of the duct, and to the mean arithmetical temperature between the sphere and the plug. The stand's heat discharge was less than 1%, and was not used in the calculations; neither was radiant heat exchange considered. The main results are shown in graphs. Generally the local heat-exchange change pattern corresponded with the sphere's hydrodynamic flow pattern. Orig. art. has 4 figures and 4 formulas. [KT]

SUB CODE: 20, ~~006~~ SUBM DATE: 25Dec65/ ORIG REF: 004/
OTH REF: 006/ ATD PRESS: 5044

ms
Card 3/3

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6

ZHITETSKIY, L.S. [Zhytets'kiy, L.S.] (Kiyev); SKURIKHIN, V.I. [Skurykhin, V.I.] (Kiyev)

Problems of the dynamics of composite servosystems of machines with program control. Avtomatyka 10 no.3:19-26 '65. (MIRA 18:7)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6"

SHEREMETEV, Anatoliy Vladimirovich; ZHITKEVICH, Rimma Grigor'yevna;
SHVARTSMAN, V.O., otv. red.; BOGACHEVA, G.V., red.; SLUTSKIN,
A.A., tekhn. red.

[Use of mathematical statistics methods for treating the results of
the measurement of electrical characteristics] Obrabotka rezul'tatov
izmerenii elektricheskikh kharakteristik metodami matematicheskoi sta-
tistiki. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961.
36 p.

(MIRA 14:11)

(Information theory)

ZHITKEVICH, R.G., kand.tekhn.nauk, nauchnyy sotrudnik; BONDARENKO, V.G.

Method of stabilizing the operation of automatic gain control devices
in V-12 apparatus. Vest. svazi 20 no.10:16-18 O '60.
(MIRA 13:11)

1. Kiyevskoye otdeleniye TSentral'nogo nauchno-issledovatel'skogo
instituta svazi Ministerstva svazi SSSR (for Zhitkevich).
2. Starshiy inzhener Kiyevskogo otdeleniya TSentral'nogo nauchno-
issledovatel'skogo instituta svazi Ministerstva svazi SSSR (for
Bondarenko).

(Amplifiers (Electronics))

ZHITKEVICH, R. G.

ZHITKEVICH, R. G.: "The critical frequency of flickering in motion-picture projection". Kiev, 1955. Min Higher Education USSR. Liev Order of Lenin Polytechnic Inst. Chair of Motion-Picture Technology. (Dissertation for the Degree of Candidate of Technical Sciences.)

So: Knizhnaya letopis' No. 49, 3 December 1955. Moscow.

S/051/63/014/001/006/031
E039/E120

AUTHORS: Zhitkevich, V.E., Lyutyy, A.I., Nesterko, N.A.,
Rossikhin, V.S., and Tsikora, I.L.

TITLE: The spectroscopic study of dissociation and ionization processes in the flame

PERIODICAL: Optika i spektroskopiya, v.14, no.1, 1963, 35-38

TEXT: The effect of halogens on the line radiation from atoms and ions and also the halide and hydroxide bands of the alkaline earth metals and alkaline metals were studied. The alkali earth metals Mg, Ca, Sr, Ba, and the alkali metals Li, Na, K, Rb, Cs, are supplied to an acetylene-air flame by means of an atomizer from aqueous solutions of the chlorides. Radiation is observed from the outer cone of the flame, 1.5 - 2 cm above the inner cone. The introduction of halides into the flame containing these metals produces a displacement of the dissociation equilibrium leading to a decrease in the number of free atoms and of the hydroxides of these metals and an increase in number of their halides. The intensity of the ionic lines

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L 19965-63

EWP(q)/EWT(m)/EWP(B)/BDS AFFTC/ASD BW/JD/JG

ACCESSION NR: AP3007280

S/0051/03/015/003/0405/0412

AUTHOR: Zhitkevich,V.F.; Lyutyy,A.I.; Rossikhin,V.S.; Tsikora,I.L.

TITLE: Anomalous excitation of metals in flames and in the vapors of some organic substances

16

68
67

SOURCE: Optika i spektroskopiya, v.15, no.3, 1963, 405-412

TOPIC TAGS: flame spectrum, radical formation, anomalous excitation, Ca, Cd, Cs, Mg, Na, Pb, Tl, Zn

ABSTRACT: Gas flames consist of three zones: an inner reaction zone, an intermediate zone and an outer zone consisting of the combustion produced in equilibrium. The purpose of the study was to obtain data on the anomalous excitation of the spectrum lines of a number of metals (Ca, Cd, Cs, Mg, Na, Pb, Tl and Zn) in the vicinity of the reaction zone of an air-acetylene flame, with the said metals introduced into the flame in the form of vapor with pure helium as the carrier. There were also observed the effects incident to injection of a hot metal vapor stream into a mixture of carbon-containing substances (CCl_4 , CHCl_3 , CHI_3 or CS_2) with air. The flame and injection arrangements are shown in the Enclosure. The

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L 19965-63

ACCESSION NR: AP3007280

burner and evaporator were located at a distance of 35-40 cm from the entrance slit of an ISP-22 spectrograph. A table lists the atomic and ionic lines detected in two parts of the air-acetylene flame (points A and B in the figure) and in the carbon-containing substance mixture. Comparison of the data indicates that the predominant excitation mechanism involved in emission from the cold zone is reaction with oxygen. Elucidation of the precise decomposition and recombination reactions occurring in the vapors requires further investigation. In addition to atomic lines, there were observed some molecular lines as, for example, those of OH. The anomalous excitation mechanism is discussed but no definitive conclusions are drawn. I.B.Bugrim also participated in the work. Orig.art.has: 1 figure and 1 table.

ASSOCIATION: none

SUBMITTED: 02Jan63

DATE ACQ: 09Oct63

ENCL: 01

SUB CODE: PH

NO REF Sov: 003

OTHER: 009

Card 2/3

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6

ZHITKEVICH, V.F.; LYUTYY, A.I.; ROSSIKHIN, V.S.; TSIKORA, I.L.
ITIMIMAI Uchastiye BUGRIM, Ye.D.

Anomalous excitation of metals in the flames and vapors of certain
organic compounds. Opt. i spektr. 15 no.3:405-412 S '63.

(MIRA 16:10)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6"

ZHITKEVICH, V.P.; LYUTYY, A.I.; NESTERKO, N.A.; ROSSIKHIN, V.S.; YSIKORA, I.L.

Role of ions in a flame containing salt. Izv.vys.ucheb.zav.; fiz.no.2:
78-84 '63.

(MIRA 16,5)

1. Dnepropetrovskiy gosudarstvennyy universitet imeni 300-letiya
vospovedineniya Ukrainskoy Rossiyyey.

(Ionization)

(Flame)

(Salts)

ZHITKEVICH, V.F.; LYUTYY, A.I.; NESTERKO, N.A.; ROSSIKHIN, V.S.; TSIKORA, I.L.

Excitation of atomic spectra in the reaction zone of the acetylene-air
flame. Opt. i spektr. 14 no.3:336-341 Mr '63. (MIRA 16:4)
(Spectrum, Atomic) (Acetylene)

L 9190-60 EWT(1)/EWT(m)/EI-(n)-2/641(b), Encls. 117 c 1-13 6*

ACC NR: AR6000115

SOURCE CODE: UR/0053/65/000/008/D032/D032

SOURCE: Ref. zh. Fizika, Abs. 8p261

AUTHORS: Zhitkevich, V. P.; Iyutyy, A. I.; Roasikhin, V. S.; Taitkova, I. I.

ORG: none

TITLE: Excitation of metals in the vapors of some organic compounds

CITED SOURCE: Tr. Komis. po spektroskopii. AN SSSR, M., t. 2, vyp. 1, 1964, 240-246

TOPIC TAGS: metal property, optic spectrum, light excitation, flame, chemiluminescence

TRANSLATION: The authors investigated the glow spectra observed upon coalescence of jets of metal vapors (Bi, Ca, Cd, Mg, Na, Pb, Tl, and Zn) with a mixture of some carbon-containing substances with air at atmospheric pressure at 1000K. Atomic lines with excitation energy up to 7.78 ev and bands of several molecules were observed in the glow spectra. Comparison of the spectra of the reaction zone of a hydrocarbon flame, in which salts of the above-mentioned metals were introduced, with the investigated glow has shown that the latter has a purely chemiluminescent nature and is characterized by high population of the upper energy levels of the atoms. It is established that carbon and oxygen are indispensable participants in the formation of the glow zone.

SUB CODE: 20

Card 1/1 als

ZHITKEVICH, V.P., aspirant

Problems of the reduction of the initial construction costs of
railroads of a pioneer type. Trudy MIIT no.181:144-154 '64.
(MIRA 18:1)

ZHITKEVICH, Ye.N.

Characteristics of the development of preimaginal stages of the
sugar beet weevil in soil as related to temperature and moisture.
Vop. ekol. 7:57-58 '62. (MIRA 16:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sakharnoy sverkly,
Kiyev.
(Sugar beets--Diseases and pests) (Weevils)

ZHITKEVICH, Ya. N., kand. biolog. nauk; MINORANSKIY, V.A., aspirant

Sugar beet leaf miner. Zashch. rast. ot vred. i bol. 8
no. 6:29-31 Je '63. (MIRA 16:8)

1. Vsesoyuznyy institut sakharnoy sverkly (for Zhitkeyich).
2. Rostovskiy gosudarstvennyy universitet (for Minoranskiy).
(Sugar beets—Diseases and pests)
(Leaf miners—Extermination)

ZHITKEVICH, Ye.N., starshiy nauchnyy sotrudnik; PETRUKHA, Ye.I., kand. biolog.nauk; POZHAR, Z.A., kand.sel'skokhoz.nauk; SHEVCHENKO, V.N., kand.sel'skokhoz.nauk; BUTOVSKIY, A.P., starshiy nauchnyy sotrudnik, spetsialist entomolog i fitopatolog; GROMAKOV, P.M., starshiy nauchnyy sotrudnik, spetsialist entomolog i fitopatolog [deceased]; MARKOV, F.I., kand.biolog.nauk, spetsialist entomolog i fitopatolog; PUCHKOV, V.G., kand.biolog.nauk, spetsialist entomolog i fitopatolog; PALIY, V.F., doktor biolog.nauk, spetsialist entomolog i fitopatolog; POLEVOY, V.V., starshiy nauchnyy sotrudnik, spetsialist entomolog i fitopatolog; SHIMALEVA, V.A., kand.biolog.nauk, spetsialist entomolog i fitopatolog; ZVEREZOMB-ZUBOVSKIY, Ye.V., prof., doktor sel'skokhoz.nauk; KORAB, I.I., prof., doktor sel'skokhoz.nauk; MOROCHKOVSKIY, S.F., prof., doktor biolog.nauk; MURAV'IEV, V.P., prof.; SALUNSKAYA, N.I., kand.biolog.nauk; SAVCHENKO, Ye.N., red.; ZUBAREV, A.S., khudozh.-tekhn.red.

[Sugar beet growing] Sveklovodstvo. Izd.2., perer. i dop. Kiev, Gos.izd-vo sel'khoz.lit-ry USSR. Vol.3. Pt.1. [Sugar beet pests and their control] Vrediteli sakharinoi svekly i mery bor'by s nimi. Pt.2. [Sugar beet diseases and their control] Bolezni sakharinoi svekly i mery bor'by s nimi. 1959. 642 p. (MIRA 12:11)

(Continued on next card)

ZHITKEVICH, Ye.N.---(continued) Card 2.

1. Kiyev. Vsesoyuznyy nauchno-issledovatel'skiy institut sakharnoy svekly.
2. Vsesoyuznyy nauchno-issledovatel'skiy institut sakharnoy svekly (for Zhitkevich, Petrukha, Pozhar, Shevchenko).
3. Uladovo-Lyulinetskaya optyno-selektionsnaya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta sakharnoy svekly (for Butovskiy).
4. Ivanovskaya optyno-selektionsnaya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta sakharnoy svekly (for Gromakov).
5. Kurgizzkaya optyno-selektionsnaya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta sakharnoy svekly (for Markov, Polevoy).
6. Veselopodolyanskaya optyno-sel'stvennaya Vsesoyuznogo nauchno-issledovatel'skogo instituta sakharnoy svekly (for Puchkov).
7. Ramonskaya optyno-selektionsnaya Vsesoyuznogo nauchno-issledovatel'skogo instituta sakharnoy svekly (for Paliy).
8. Pervomayskaya optyno-selektionsnaya Vsesoyuznogo nauchno-issledovatel'skogo instituta sakharnoy svekly (for Shmeleva).
9. Chleny-korresp. AN USSR (for Zverezomb-Zubovskiy, Murav'yev).

(Sugar beets--Diseases and pests)

ZHITKEVICH, Ye. N., Candidate of Biol Sci (diss) -- "The ecological aspects of the common weevil (*Bothynoderes punctiventris* Germ.) and their significance in the principles of measures to combat this insect". Kiev, 1959. 18 pp (Min Agric Ukr SSR, Ukr Acad Agric Sci), 200 copies (KL, No 20, 1959, 110)

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064820012-6

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APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064820012-6"

KITAYGORODSKY, I.T.; ZHITKEVICH, Z.V.

Microdemixing in the crystallization of high-calcium phosphorus-containing glasses. Izv. AN SSSR. Neorg. mat. 1 no.5:792-795 My '65.
(MIRA 18:10)

1. Moskovskiy khimiko-tehnologicheskiy institut imeni Mendeleyeva.

21879 GOLUBINSKIY, I. N. i ZHITKO, Ye. P.

Sorta khmelya otechestvennoy selektsii.
Selektsiya: semenovodstvo, 1949, No. 7, s. 64-68.

SO: Letopis' Zhurnal 'nykh Statey, No. 29, Moskva, 1949

ZHIT'KO, Yu.M.

Device for unbending vinyl plastic worms. Khim.volok. no.2:63 '62,
(MIRA 15:4)

1. Barnaul'skiy zavod iskusstvennogo volokna.
(Barnaul—Spinning machinery)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6

ZHITKOV, A. (Armavir, Krasnodarskiy kray)

Sense of responsibility. Poch. de 10 9 no.5:3 My '63. (MIRA 16:5)
(Krasnodar Territory--Fires and fire prevention)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6"

ZHITKOV, M.F.

LARIONOV, A.N.; BABIKOV, M.A.; VANEYEV, A.I.; ZHITKOV, A.A.; KOPYLOV, V.P.;
THET'YAKOV, M.F.; GALTEYEV, F.F.

V.N. Akimov, Elektrichesstvo no.10:86 0'55. (MLRA 8:12)
(Akimov, Valentin Nikolaevich, 1903-1955)

ZHITKOV, A.A.

Operation of the Armavir Oils and Fats Plant. Masl.-zhir. prom.
24 no. 8:46 '58. (MIRA 11:8)

1. Armavirskiy masloshirovoy kombinat.
(Armavir--Oil industries--Equipment and supplies)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6

ALEKSANDROVSKIY, V.A.; NIKITIN, I.; ZHITKOV, A.M.; USHMAYEV, N.;
BRYAUSHNOV, P.N.; PORTNIK, Kh.; TARLAVSKAYA, S.A.;
ALIYEV, A.A.; KENTYA, T.

Information and brief news. Veterinaria 40 no.6:87-93
(MIRA 17:1)
Je '63.

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6"

ZHITKOV, Aleksey Vasil'yevich; YERMOLINSKIY, I.A., redaktor; ARNOL'DOVA, K.S.,
redaktor; KARASTA, N.M., tekhnicheskiy redaktor

[Equipment for lumberyards] Oborudovaniye dlya skladov lesomaterialov.
Moskva, Goslesbumizdat, 1954. 299 p. (MIRA 8:4)
(Lumberyards—Equipment and supplies)

SMIRNOV,V.S.

Lumberyard equipment. ("Equipment for lumberyards." A.V.Zhitkov,
Reviewed by V.S.Smirnov). Bum.prom.30 no.8:31 Ag'55.
(MIRA 8:11)
(Lumberyards--Equipment and supplies) (Zhitkov,A.V.)

ZHITKOV, A.V.

118-58-3-13/21

AUTHOR:

Zhitkov, A.V., Engineer

TITLE:

Mechanization in Enterprises of the Pulp and Paper Industry
(Mekhanizatsiya na predpriyatiyah tsellulozno-bumazhnay
promyshlennosti)

PERIODICAL:

Mekhanizatsiya Trudoyemkikh i Tyazhelykh Rabot, 1958, # 3,
pp 32-34 (USSR)

ABSTRACT:

The author deals with the mechanization of unloading pulp wood from roadsteads, storages, and railroad cars, of bark-stripping devices and of the utilization of waste products. In order to make unloading operations of waste products easier and cheaper, heavy load slopes and powerful bridge cranes will be put into use in the near future. For the stacking up of pulp wood, heavy load radial cable cranes have been introduced, and in some cases a complete mechanization of pulp wood storage can be achieved without using any auxiliary transportation equipment.

Quite recently, circulation pumps and compressor apparatus were introduced to prevent the freezing of water and thus lengthen the unloading period from ponds. Such a method was successfully introduced at the Kondopozhskiy tsellulozno-bumazhnyy kombinat (The Kondopoga Cellulose and Paper

Card 1/2

118-58-3-13/21

Mechanization in Enterprises of the Pulp and Paper Industry

Combine).

At present, new types of bark-stripping machines (barrels and bunkers) have been designed and serial production will soon be started. These bark-stripping machines have a capacity of 20 - 60 cu m per hour. The barrel type is produced by the "Sibtyazhmash" zavod". (The "Sibtyazhmash" Plant) in Krasnoyarsk, and the bunker type by the Kalinin-gradskiy mekhanicheskiy zavod (The Kaliningrad Mechanical Plant).

There are 3 graphs.

AVAILABLE: Library of Congress

Card 2/2

ZHITKOV, A.V., inzh.

Mechanization at the enterprises of the woodpulp and paper industry.
Mekh,trud,rab. 12 no.3:32-34 Mr '58. (MIRA 11:4)
(Woodpulp industry--Equipment and supplies)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6

ZHITKOV, A.V., inzh.

Tree bark and its properties. Bum. prom. 33 no.2:4-6 F '58.
(MIRA 11:3)

1. Glavnnyy mekhanik Giprobuma.
(Bark)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6"

ZHITKOV, A. V.: Master Tech Sci (diss) -- "The preparation of pulpwood for
bark stripping with dull instruments by soaking in water". Leningrad, 1959.
11 pp (Min Higher Educ USSR, Leningrad Order of Lenin Forestry Engineering Acad
im S. M. Kirov), 150 copies (KL, No 11, 1959, 119)

ZHITKOV, Aleksey Vasil'yevich; ALKHIN, N.Y., red.; DONNIKOVA, A.A.,
red.izd-va; VDOVINA, V.M., tekhn.red.

[Equipment for lumber storage] Oborudovanie dlja skladov
lesomaterialov. Izd.2., perer. i dop. Moskva, Goslesbunisdat,
1961. 362 p. (MIRA 14r12)
(Lumber—Storage)

ZHITKOV, Aleksey Vasil'yevich; MALYSHKIN, K.N., red.; ZOLOTNIKOVA,
Ye.A., red.izd-va; KARLOVA, G.I., tekhn. red.

[Wood preparation for the manufacture of cellulose and wood-pulp] Podgotovka drevesiny dlia proizvodstva tselliulozы i
drevesnoi massy. Moskva, Goslesbumizdat, 1962. 132 p.
(MIRA 16:3)

(Woodpulp industry)

VAL'SHCHIKOV, Nikolay Markovich; ZHITKOV, A.V., red.;

[Disk-type chopping machines] Diskovye rubitel'nye ma-
shiny. Moskva, Lesnaia promyshlennost', 1964. 208 p.
(MIRA 17:10)

ALEKSEYEV, A.A., inzh., red.; V'YUKOV, I.Ye., kand. tekhn. nauk,
red.; GRABOVSKIY, V.A., kand. tekhn. nauk, red.; ZHITKOV,
A.V., kand. tekhn. nauk, red.; NAUMOV, V.V., kand. ekon.
nauk, red.; NEPENIN, Yu.N., kand. tekhn. nauk, red.;
PUZYREV, S.A., kand. tekhn. nauk, red.; RYUKHIN, N.V.,
kand. tekhn. nauk, red.; SHAPIRO, A.D., kand. tekhn. nauk,
red.; ELLIASHBERG, M.G., doktor tekhn. nauk, red.

[Handbook for the papermaker in three volumes] Spravochnik
bumazhnika v trekh tomakh. Moskva, Izd-vo "Lesnaia pro-
myshlennost'." Vol.1. Izd.2., perer. i dop. 1964. 840 p.
(MIRA 17:8)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut
tsellyulozno-bumazhno-promyshlennosti.

ZHITKOV, Aleksey Vasil'yevich; MALYSHKIN, K.N., red.

[Equipment for lumberyards] Oborudovanie skladov lesomaterialov. Izd.3.; perer. i dop. Moskva, Lesnaiia promyshlennost', 1965. 557 p. (MIRA 18:6)

ZHITKOV, B.

Zveri i Ptitsy Zemogo Shara (Beasts and Birds of the Earth) (Paper edition)

203 p. 75¢

SO: Four Continent Book List, April 1954

ZHITKOV, B. N.

"Ivan Mikhailovich Sechenov in His Life" (p. 286) by Zhitkov, B. N. (Moscow, 1944, 38 pages and 72 pages)

SO: Advances in Modern Biology, (Uspekhi Sovremennoi Biologii) Vol. XIX, No. 2, 1945.

ZHITKOV, B. M.

Oputiakh scobshcheniia no Severe. On means of transportation in the North. (In Sovetskii Sever, Pervyi sbornik statei, 1929, p. 98-110, illus.).

DLC: HC331.S55

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

ZHITKOV, B.N.

K voprosy o plavani po Severnomu morskому puti. [Navigation on the Northern Sea Route]. (Sovetskii Sever, 1933, no. 3, p. 27-34). DLC: MC331.S55

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,
Reference Department, Washington, 1952, Unclassified.

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6

ZHITKOV, Boris

Homemade. IUn.tekh. 5 no.5149-51 My '61.
(Catamarans) (MIRA 14:5)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6"

ZHITKOV, Boris Stepanovich, 1882-1938

Tractor power. Moskva, Glav. red. nauchno-populiarnoi i iunosheskoi lit-ry,
1936. 60 p. (51-50389)

TL233.25

ZHITKOV, D.G., kandidat tekhnicheskikh nauk; NEKRASOV, N.N., inzhener.
POSPEKHOV, I.T., inzhener.

Examination of worn steel-wire ropes. Vest.mash.27 no.7:25-30
Jl '47. (Wire rope) (MIRA 9:4)

ZHITKOV, D. G.

PA-17/49T41

USSR/Engineering
Machines, Testing
Cables, Steel

Jul 48

"Methods for Testing Steel Wire Cables for Durability,"
D. G. Zhitkov, Moscow Inst of Nonferrous Metals and
Gold, 9½ pp

"Zavod Lab" Vol XIV, No 7

Describes machines and procedure in detail.

17/49T41

ZHITKOV, Docent D. G.

Cand. Technical Sci.

Mbr., Moscow Inst. Nonferrous Metals & Gold, -cl948-.

"Methods for Testing Steel Wire Cables for Durability," Zavod. Lab., 14, No. 7, 1948.

"Computation of the Resistance of Wire Cables," Mekh. Trud. i Tyazh. Rabot, No. 3, 1948-.

"Effect of Width and Number of Wires of a Steel Cable on Its Strength,"

Mekh. Stroi., No. 4, 1948;

ZHITKOV, D. G.

Dr. Tech. Sci.

"Theoretical Principles of Design and Investigation of the Strength of Mine Round-Strand Steel Cables." Sub 22 Jun 51, Inst of Mineral Fuels, Acad Sci USSR.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55.

ZHITKOV, D.G., professor doktor tekhnicheskikh nauk; POSPEKHOV, I.T.,
inzhener."

[Steel cables for hoisting and transport machines] Stal'nye kanaty dlja
podzemno-transportnykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry
po chernoi i tsvetnoi metallurgii, 1953. 391 p. (MLRA 7:6)
(Cables)

SUKHININ,V.I., kandidat tekhnicheskikh nauk

"Steel cables for hoisting and conveying machinery." D.G.Zhitkov,
I.T.Pospekhov, Reviewed by V.I.Sukhinin. Stal' 15 no.8785-76
Ag '55. (MIRA 8:11)

1. Institut gornogo dela Akademii nauk USSR
(Cableways) (Wire rope) (Zhitkov,D.G.) (Pospekhov,I.T.)

ZHITKOV, D.G., professor, doktor tekhnicheskikh nauk.

Method of determining the smallest allowable diameter of the winding drum or of the guiding pulley of mine hoisting installations. Ugol' 30 no.1:29-32 Ja '55. (MLRA 8:3)
(Mine hoisting)

ZHITKOV, D.G.

BEYLINA, TS.O., inzhener; BLAGONADEZHDIN, V.Ye., inzhener; BOGUSLAVSKIY, P.Ye., kandidat tekhnicheskikh nauk; VORONKOV, I.M., professor, GITINA, L.Ya., inzhener; GROMAN, M.B., inzhener; GOREKHOV, N.V., doktor tekhnicheskikh nauk [deceased]; DENISTUK, I.N., kandidat tekhnicheskikh nauk; DOVZHIK, S.A., kandidat tekhnicheskikh nauk; DUKEL'SKIY, M.P., professor, doktor khimicheskikh nauk [deceased]; DYKHOVICHNYY, A.I., professor; ZHITKOV, D.G., professor, doktor tekhnicheskikh nauk; KOZLOVSKIY, N.S., inzhener; LAKHTIN, Yu.M., doktor tekhnicheskikh nauk; LEVENSON, L.B., professor, doktor tekhnicheskikh nauk [deceased]; LEVIN, B.Z., inzhener; LIPKAN, V.F., inzhener; MARTYNOV, M.V., kandidat tekhnicheskikh nauk; MOLEVA, T.I., inzhener; NOVIKOV, F.S., kandidat tekhnicheskikh nauk; OSETSEIY, V.M., kandidat tekhnicheskikh nauk; OSTROUMOV, G.A.; PONOMARENKO, Yu.F., kandidat tekhnicheskikh nauk; RAKOVSKIY, V.S., kandidat tekhnicheskikh nauk; REGIRER, Z.L., inzhener; SOKOLOV, A.N., inzhener; SOSUNOV, G.I., kandidat tekhnicheskikh nauk; STEPANOV, V.N., professor; SHEMAKHANOV, M.M., kandidat tekhnicheskikh nauk; EL'KIND, I.A., inzhener; YANUSHEVICH, L.V., kandidat tekhnicheskikh nauk; BOKSHITSKIY, Ya.M., inzhener, redaktor; BULATOV, S.B., inzhener, redaktor; GASHINSKIY, A.G., inzhener, redaktor; GRIGRO'YEV, V.S., inzhener, redaktor; YEGURNOV, G.P., kandidat tekhnicheskikh nauk, redaktor; ZHARKOV, D.V., dotsent, redaktor; ZAKHAROV, Yu.G., kandidat tekhnicheskikh nauk, redaktor; KAMINSKIY, V.S., kandidat tekhnicheskikh nauk, redaktor; KOMARKOV, Ye.F., professor, redaktor; KOSTYLEV, B.N., inzhener, redaktor; POVAROV, L.S., kandidat tekhnicheskikh nauk, redaktor; ULINICH, F.R., redaktor; KLORIK'YAN, S.Kh., otvetstvennyy redaktor; GIADILIN, L.V.. redaktor;

(Continued on next card)

BEYLINA, TS.O. --- (continued) Card 2.

RUPPENEYT, K.V., redaktor; TERPIGOREV, A.M., glavnnyy redaktor;
BARABANOV, F.A., redaktor; BARANOV, A.I., redaktor; BUCHNEV, V.X.,
redaktor; GRAFOV, L.Ye., redaktor; DOKUKIN, A.V., redaktor; ZADEMID-
KO, A.N., redaktor; ZASYAD'KO, A.F., redaktor; KRASNIKOVSKIY, G.V.
redaktor; LETOV, N.A., redaktor; DISHIN, G.L., redaktor; MAN'KOV-
SKIY, G.I., redaktor; MEL'NIKOV, N.V., redaktor; ONIKA, D.G.,
redaktor; OSTROVSKIY, S.B., redaktor; POKROVSKIY, N.M., redaktor;
POLSTYANOY, G.N., redaktor; SKOCHINSKIY, A.A., redaktor; SONIN,
S.D., redaktor; SPIVAKOVSKIY, A.O., redaktor; STANCHENKO, I.K.,
redaktor; SUDOPLATOV, A.P., redaktor; TOPCHIYEV, A.V., redaktor;
TROYANSKIY, S.V., redaktor; SHEVYAKOV, L.D., redaktor; BYKHOV-
SKAYA, S.N., redaktor izdatel'stva; ZAZUL'SKAYA, V.F., tekhniches-
kiy redaktor; PROZOROVSKAYA, V.L., tekhnicheskiy redaktor.

[Mining; an encyclopedic handbook] Gornoe delo; entsiklopedicheskii
spravochnik. Glav.red. A.M. Terpigorev. Chleny glav.red. F.A. Bara-
banov i dr. Moskva, Gos.nauchno-tekhnik.izd-vo lit-ry po ugol'noi
promysh]. Vol.1. [General engineering] Obshchie inzhenernye
svedeniia. Redkollegiia toma S.Kh.Klorik'ian i dr. 1957. 760 p.

(Mining engineering) (MLRA 10:10)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6

ZHITKOV, D.I., inzh.-polkovnik; SOKOLOV, Yu.V., inzh.-mayor

Truck-mounted repair and control stations in a tactical drill.
Vest.protivovozd.obor. no.9:51-53 S '61. (MIRA 14:8)
(Radar, Military—Maintenance and repair)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6"

ACC NR: AR6029292

SOURCE CODE: UR/0271/66/000/006/A023/A023

AUTHOR: Zaytsev, A. I.; Zhirkov, M. A.; Sapozhnikov, A. I.

TITLE: AC converter using pulse duration modulation

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Abs. 6A177

REF SOURCE: Izv. Tomskogo politekhn. in-ta, v. 153, 1965, 29-35

TOPIC TAGS: frequency converter, signal generator, electric generator unit

ABSTRACT: The possibilities are investigated for obtaining sinusoidal voltages and currents in the frequency range from 0 to 200 cps at the output of a semiconductor frequency converter. The continuous sinusoidal signal is obtained by using time quantization in which the continuous signal is converted into a sequence of pulses whose duty cycle varies according to the input signal changes. The functional diagram of a single-phase frequency converter is given. A continuous reference sinusoidal signal is applied to the frequency converter from a starting generator. The schematic diagrams and descriptions of specific frequency converter circuits are given. The output current and voltage oscilloscope traces corresponding to the single-phase frequency converter driving a two-phase asynchronous motor are presented. The output voltage amplitude of this frequency converter may be varied by 50% while its quasisinusoidal shape is preserved. The output frequency and amplitude may also be regulated independently. [Translation of abstract] 6 illustrations and bibli-

Card 1/2

UDC: 62-52:621.314.26

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6

ACC NR: AP6029292

graphy of 3 titles. T. R.

SUB CODE: .09

Card 2/2

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6"

L 05191-07 SWI(m) DJ

ACC NR: AP6011227

(A)

SOURCE CODE: UR/0413/66/000/006/0065/0065

AUTHORS: Golovko, V. N.; Shkol'nikov, B. M.; Zhitkov, N. B.; Chepurov, B. M.; Volkomirskiy, I. I.

26
B

ORG: none

TITLE: Frictional disk brake. Class 35, No. 179893 [announced by State Scientific Research and Design-Construction Institute for Petroleum Machinery Construction (Gosudarstvennyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy institut neftyanogo mashinostroyeniya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 65

TOPIC TAGS: friction, well drilling machinery, drilling machine

ABSTRACT: This Author Certificate presents a frictional disk brake for, say, drill hoists. The brake consists of a casing, a shaft connected to the shaft of the drill hoist, and a friction disk. To insure the independent action of the braking moment from the rotary velocity of the hoist shaft, the immovable friction disks contain internal openings (see Fig. 1). These openings are connected to a closed circuit through which cooling liquid is circulated by, say, a centrifugal pump. To facilitate the exchange of friction sheaves, the latter are loosely held by the disks.

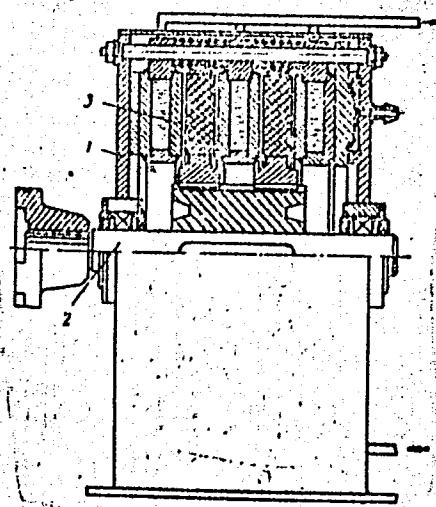
Card 1/2

UDC: 622.24.054:621.864-783.52

L 05191-67

ACC NR.
AP6011227

Fig. 1. 1 - case; 2 - shaft; 3 - friction
disk.



Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 12Aug63

Card 2/2

vmb

BELASH, Pavel Maksimovich, prof., doktor tekhn. nauk; ZHIT'KOV, N.P.
dots., retsenzent; GOR'KOVA, A.A., inzh., vedushchiy red.

[Principles of computer engineering] Osnovy vychislitel'noi
tekhniki. Moskva, Nedra, 1964. 329 p. (MIRA 18:2)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6

KREYFEITS, Ye.B., inzh.; VAYNSHTEYN, B.Z., inzh.; GUDAVAIZE, G.G., inzh.;
ZHITKOV, N.Ya., inzh.

New design of a reversing switch for electric rolling stock and
diesel locomotives. Elektrotehnika 35 no.11:11-12 N '64.

(MIRA 18:6)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6"

BERDZENISHVILI, B.G.; VAINSHTEYN, B.Z.; ZHITKOV, N.Y.; KUCHAVA, V.A.

Lightened pantograph for high-speed rolling stock. Elek. i
tepl. tyaga 7 no.3:6-7 Mr '63. (MIRA 16:6)

1. Sotrudniki otdela elektricheskoy tyagi Nauchno-issledovatel'skogo
elektrotekhnicheskogo instituta Soveta narodnogo
khozyaystva Gruzinskoy SSR.
(Electric railroads—Wires and wiring)

ZHITKOV, P.N., kand.tekhn.nauk

Using the method of tagged atoms in determining the volume
weight of compressed woodpulp. Der.prom. 7 no.3:16-17 Mr '58.
(MIRA 11:4)

1.Voronezhskiy sel'skokhozyaystvennyy institut.
(Radioactive substances--Industrial applications)

ZHITKOV, P.N., OGANKOV, B.I.

Compressed and bent wood used in industrial production.
Der. prom. 7 no.10:14 0 '58. (MIRA 11:11)

1. Voronezhskiy sel'skokhozyaystvennyy institut.
(Wood, Compressed)

ZHITKOV, P. N.

Cand Tech Sci - (diss) "Resistance of pressed wood." Moscow, 1961. 22 pp; 3 pp of tables; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Forestry Engineering Inst); 150 copies; price not given; list of author's works on pp 21-22 (16 entries); (KL, 7-61 sup, 236)

KHUKHRYANSKIY, P.N.; ZHITKOV, P.N.; KOVIAZIN, F.Ya.; TSYPLAKOV,
D.M.; OGARKOV, B.I.; OGARKOVA, T.V.; RAKIN, A.G., kand.
tekhn. nauk; SHEYDIN, I.A.; BUMYANTSEVA, O.M.; MAL'TSEVSKAYA,
R.P.; KUVAROVA, M.P.; PYUDIK, P.E.; MIROSHNICHENKO, S.N.;
DORONIN, Yu.G.; ASOTSKIY, L.S.; MAREYEV, V.S.; SMOLENSKIY,
K.I., inzh., retsentent

[Compressed wood and wood plastics in the machinery industry;
a manual] Pressovannaya drevesina i drevesnye plastiki v ma-
shinostroenii; spravochnik. Moskva, Mashinostroenie, 1965.
147 p.

(MIRA 18:3)

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064820012-6

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064820012-6"

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6"

124-57-2-2143

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 2, p 95 (USSR)

AUTHOR: Zhitkov, P. N.

TITLE: The Plane Problem of the Theory of Elasticity of a Nonhomogeneous Orthotropic Body in Polar Coordinates (Ploskaya zadacha teorii uprugosti neodnorodnogo ortotropnogo tela v poliaristykh koordinatakh)

PERIODICAL: Zap. Voronezhsk. s.-kh. in-ta, 1954, Vol 25, Nr 1, pp 263-270

ABSTRACT: Examination of a plane problem for a body exhibiting cylindrical anisotropy. In that case the elastic constants are changeable. The solution of the equations obtained are given in terms of hypergeometric series. The results of this paper, with only small changes, were published earlier by the author (RZhMekh, 1955, abstract 3174).

1. Cylindrical bodies--Elasticity A. S. Kosmodamianskiy
2. Elasticity--Theory 3. Mathematics

Card 1/1

ZHITKOV, R.D.; KEDRINSKIY, I.A.

Use of radiotracers in the study of the electrolytic separation of
metals on nickel cathode. Trudy LTI no.48:197-203 '58.

(MIRA 15:4)

(Metals--Analysis) (Electrochemical analysis)
(Radioactive tracers)

ZHITKOV, Roman Filippovich

ZHITKOV, Roman Filippovich.....Petrodvorets, 1944; avtolitografii. Studiia im.
Grekova pri Glav PURKKA. (Moskva), KhEM, 1946. 2 l., 15 plates (part col.)

DLC: DK651.P45Z5

SO: LC, Soviet Geography, Part II, 1951/Unclassified

ZHITKOV, S.

USSR/Chemistry - Aniline System

Physics - Electroconductivity of Aniline Systems

Aug 49

"Electroconductivity of the System Aniline-Antimony Trichloride,"
A. Naumova, S. Zhitkov, Lab of Phys Chem, Tomsk Polytech Inst imeni
S. M. Kirov, 5½ pp

"Zhur Obshch Khim" Vol XIX, № 8. Submi - p. 1424 - 34

Studied this systems at 65, 95, and 125° C, and showed molecular electroconductivity of $SbCl_3$ to be of a very anomalous character. Temperature curve for coefficient of electroconductivity reached maximum at 50 molecular % of $SbCl_3$. With small concentrations of chloride, formation in the system of unstable complex compounds produced a complicated curve. Submitted 3 Apr 48.

PA 149T32

ZHITTOV, Sergey Pavlovich; KALASHNIKOV, Karp Yakovlevich

[Preparing seeds for sowing] Podgotovka semian k posevu.
Lenizdat, 1958. 72 p. (MIRA 12:3)
(Seeds--Disinfection)

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SOV/130-60-3-10/23

AUTHORS: Vinioli, I. I., Zhitkov, V. A.

TITLE: Use of Slag Basins of 16.5-m³ Capacity

PERIODICAL: Metallurg, 1960, Nr 3, pp 14-15 (USSR)

ABSTRACT: Since 1959 at Plant imeni Voroshilov (Zavod imeni Voroshilova) 16.5-m³ slag basins are used for servicing the open-hearth furnace. The enlargement of basin size from 11 m³ to 16.5 m³ made possible an increase in the amount of discharged slag, facilitated heat transfer from flame to the bath, and decreased the duration of smelting by 40 min, increasing daily steel output by 45 tons. The slag basins are placed on the slag buggy. Each slag basin has an individual tilting device. The slag buggies and the basins are operated by remote control.

Card 1/1

ZHITKOV, V.N.

AUTHOR: Anikeyev, P.V., Zhitkov, V.N. 132-58-3-8/15

TITLE: Innovations in the Field of Cable-Tool Drilling (Ratsionalizatorskiye predlozheniya po udarno-kanatnomy bureniyu)

PERIODICAL: Razvedka i Okhrana Nedr, 1958, Nr 3, pp 48-51 (USSR)

ABSTRACT: This article contains the description of some improvements in drilling machine tools of the BU-20-2 and the BU-20-2M type, as were applied by the workers of Northeast Geologic Administration at Magadan. They are listed as follows:
1) A flat-grooved chisel with a slightly inclined edge to reduce the resistance when drilling in soft rocks; 2) a smooth-stemmed drive-pipe column used in loose deposits; 3) a driving-in gadget to fix the drive-pipes; 4) a stamping head with a slit for quick extraction of the drive pipe columns; 5) a piston sand-pump, which is of a more simple construction than previous models. There are 3 figures and 2 tables.

ASSOCIATION: Severo-Vostochnoye geolupravleniye, Magadan (Northeast Geological Administration, Magadan)

AVAILABLE: Library of Congress
Card 1/1 1. Drilling machines-Design

DEMENT'YEV, Yu.P.; ZHITKOV, V.N.; ANIKEYEV, P.V.

Detachable fishing tool. Biul.nauchi.-tekhn.inform.VIMS no.1:80-81
'60. (MIRA 15:5)

1. Severo-Vostochnoye geologicheskoye upravleniye.
(Boring machinery)

ZHITKOV, V.S. (Yuzhno-Sakhalinsk)

Wounds from so-called secondary missiles. Sud.-med.ekspert. 3 no.4:
50-51 O-D '60. (MIRA 13:11)
(GUNSHOT WOUNDS)
(MEDICAL JURISPRUDENCE)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6

ZHITKOV, V.S., kand.med.nauk.

Clinical aspects and pathoanatomy of poisoning from GTZh-22 brake
fluid. Voen.-med.zhur. no.3:44-45 Mr '61. (MIRA 14:7)
(GLYCOLS)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6"

ZHITKOV, V.S.

Retention of alcohol in corpses submerged in water for a long
time. Sud.-med.ekspert. 6 no.18-10 Ja-Mr '63. (MIRA 16:2)
(ALCOHOL IN THE BODY) (CHEMISTRY, FORENSIC)

ZHITKOV, V.S. (Yuzhno-Sakhalinsk)

Case of death from chilling at temperatures above the freezing
point. Sud.med.ekspert. 6 no.2:56 Ap-Je'63. (MIRA 16:7)
(DEATH) (TEMPERATURE—PHYSIOLOGICAL EFFECT)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6

ZHITKOV, V.S.

Electric saw for bones. Sud.-med. ekspert. 8 no.1:51-52 Ja-Mr 165.
(MIRA 38:5)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820012-6"

ZHITKOV, V.V.

(2)

Drum drier for oil seeds. V.V. Zhirkov (U.S.-Pat. Trust. Saratov). Maslobaino-Zhirnaya. Prom. 19, No. 1, 12-14 (1951).—Description with diagrams of a horizontal drum (I) drier and seed cleaner is presented. The capacity is 150 tons of sunflower seeds per day, from which 6% moisture is removed. The machine can be used to dry soybeans, mustard, flax, hemp, rape, and castor-oil seeds. V.N. K.